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MAR 11 2024

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DYNAMIC LAST USER CYLINDER FOR MULTI-DISK WRITE CERTIFICATION PROCESSES

REFERENCES

28

www.Nest.com/INM/PPXXXXXX

Mathematics and Mechanics of Complex Systems, Vol. 1, No. 1, 2013, pp. 1–10.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material in patentability as defined in 37 CFR 1.58, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(e)-(3) or (1), or 385(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(e) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YY,YY)	Priority Not Claimed	Certified Copy Attached? Yes <input type="checkbox"/> No <input type="checkbox"/>
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTC/US/02B attached hereto.

Page 1 of 2

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THIS ADDRESS: SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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U.S. Patent and Trademark Office, 1401 L PARK DR, SUITE 400, ALEXANDRIA, VA 22314-1500

DECLARATION — Utility or Design Patent Application

Direct all correspondence to <input type="checkbox"/> Customer Number _____		<input type="checkbox"/> Correspondence address below	
Name _____			
Mitchell K. McCarthy, Seagate Technology, LLC			
Address 10321 West Reno OKM270		State _____	ZIP _____
City Oklahoma City		OK	73127-7140
Country _____		Telephone _____	Fax _____
		405-577-7230	405-324-4118
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that those statements were made with the knowledge that willful false statements and the like so made are punishable by law as perjury, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname _____	
Chris Thomas		Signature _____	
Inventor's Signature <i>Chris Thomas</i>		Date 2/27/04	
Residence: City	State	Country	Citizenship
Westminster	CO	US	US
Mailing Address 9657 W. 99th Place			
City	State	ZIP	Country
Westminster	CO	80021	US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname _____	
David Louis		Signature _____	
Inventor's Signature <i>David Louis</i>		Date	
Residence: City	State	Country	Citizenship
Ft. Collins	CO	US	US
Mailing Address 1601 Tanglewood Dr.			
City	State	ZIP	Country
Ft. Collins	CO	80525	US
<input checked="" type="checkbox"/> Additional inventors or legal representatives are listed on the _____ supplemental sheet(s) P1, P2, P3 or P4 (check one)			

[Page 2 of 2]



110-00000-00663
Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20591-0000
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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet	
Page 1 of 2			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle, if any)		Family Name or Surname	
Daniel Eugene Peter		Holman	
Inventor's Signature	<i>Daniel Eugene Peter</i>		05 MAR 2004 Date
Residence: City: Evans	State: CO	Country: US	Citizenship: US
Mailing Address: 145 Cree Court			
Mailing Address:			
City: Evans		State: CO	Zip: 80540
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle, if any)		Family Name or Surname	
Teck Khoon <i>Teck Khoon</i>		Lim 29 July 2003	
Inventor's Signature			
Residence: City: Singapore	State:	Country: Singapore	Citizenship:
Mailing Address: BIK 218, Bedok North Street 1, #03-27			
Mailing Address:			
City: Singapore		State:	Zip:
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle, if any)		Family Name or Surname	
Patrick Taiteng <i>Patrick Taiteng</i>		Wong	
Inventor's Signature	Date: 28 Jul 2003		
Residence: City: Singapore	State:	Country: Singapore	Citizenship:
Mailing Address: 11k 788 Woodlands Ave 6, #11-625			
Mailing Address:			
City: Singapore		State:	Zip:
Country: Singapore			

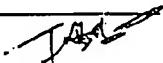
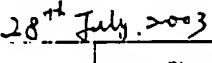
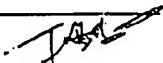
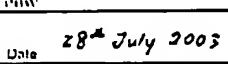
The transmission of information is governed by 35 U.S.C. 110 and 37 CFR 1.63. The information is confined to a disclosure within a time limit by the individual inventor as required by the USPTO. It is not a formal application. Confidentiality is governed by 35 U.S.C. 122, and 37 CFR 1.14. This document is submitted in triplicate to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete the form will be appreciated by returning this form to the USPTO, Attention: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SIGN UNTIL THE COMPLETED FORMS TO THIS ADDRESS OR SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/04 (05/03)
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DECLARATION		ADDITIONAL INVENTOR(S)		Page <u>2</u> of <u>2</u>
		Supplemental Sheet		
Name of Additional Joint Inventor, if any: <input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle if any) <input type="text"/> Family Name or Surname <input type="text"/>				
Beng Wee 		Chuk		<u>28th July 2003</u>
Inventor's Signature 				
Residence: City Singapore <input type="text"/>		State <input type="text"/>	Country Singapore <input type="text"/>	Citizenship Singapore <input type="text"/>
Mailing Address: 130, Lorong 1, Telok Kurau <input type="text"/>				
Mailing Address <input type="text"/>				
City Singapore <input type="text"/>		State <input type="text"/>	Zip <input type="text"/>	Country Singapore <input type="text"/>
Name of Additional Joint Inventor, if any: <input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle if any) <input type="text"/> Family Name or Surname <input type="text"/>				
Ming Zhong 		Dina 		
Inventor's Signature 				
Residence: City Singapore <input type="text"/>		State <input type="text"/>	Country Singapore <input type="text"/>	Citizenship China <input type="text"/>
Mailing Address: 529, Bukit Batok Street 52, #12-581 <input type="text"/>				
Mailing Address <input type="text"/>				
City Singapore <input type="text"/>		State <input type="text"/>	Zip <input type="text"/>	Country Singapore <input type="text"/>
Name of Additional Joint Inventor, if any: <input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle if any) <input type="text"/> Family Name or Surname <input type="text"/>				
Soon Wah 		Lew 		
Inventor's Signature 				
Residence: City Singapore <input type="text"/>		State <input type="text"/>	Zip 730652 <input type="text"/>	Country Singapore <input type="text"/>
Mailing Address: Blk 652, Woodland Ring Road, #12-374 <input type="text"/>				
Mailing Address <input type="text"/>				
City Singapore <input type="text"/>		State <input type="text"/>	Zip 730652 <input type="text"/>	Country Singapore <input type="text"/>

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.10. The information is required for examination. Inclusion is mandatory by law statute, which is to file by the USPTO to process an application. Confidentiality is guaranteed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete. An estimated burden of \$10.00 per completed application. Help is available from the USPTO. There are many resources, except the restricted items. Any comments on the amount of time you require to complete this form, and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted With Initial Filing **OR** Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	STL11122.00
First Named Inventor	Chris Thomas Settje
<i>COMPLETE IF KNOWN</i>	
Application Number	
Filing Date	
Art Unit	
Examiner Name	

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DYNAMIC LAST USER CYLINDER FOR MULTI DISK WRITE CERTIFICATION PROCESS

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? Yes	Certified Copy Attached? No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 37 CFR 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/> Customer Number or Bar Code Label		<input type="checkbox"/> OR <input checked="" type="checkbox"/> Correspondence address below	
Name			
Mitchell K. McCarthy, Seagate Technology LLC			
Address 10321 West Reno OKM270			
City Oklahoma City		State OK	ZIP 73127-7140
Country Chris Thomas		Telephone 405-577-7239	Fax 405-324-4118
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR: Chris Thomas		<input type="checkbox"/> A petition has been filed for this unsigned inventor Family Name or Surname Settje	
Inventor's Signature 		Date 2/27/04	
Residence: City Westminster	State CO	Country US	Citizenship US
Mailing Address 9657 W. 99th Place			
City Westminster	State CO	ZIP 80021	Country US
NAME OF SECOND INVENTOR: David Louis		<input type="checkbox"/> A petition has been filed for this unsigned inventor Family Name or Surname Schell	
Inventor's Signature 		Date 3/8/04	
Residence: City Ft. Collins	State CO	Country US	Citizenship US
Mailing Address 1601 Tanglewood Dr.			
City Ft. Collins	State CO	ZIP 80525	Country US
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>2</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			



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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)		Family Name or Surname	
Daniel Eugene		Hobson	
Inventor's Signature		Date	
Residence: City Lyons	State CO	Country US	Citizenship US
Mailing Address 345 Cree Court			
Mailing Address			
City Lyons		State CO	Zip 80540
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)		Family Name or Surname	
Teck Khoon <i>Lim Teck Khoon</i>		Lim 29 July 2003	
Inventor's Signature			
Residence: City Singapore	State	Country Singapore	Citizenship Singapore
Mailing Address Blk 218, Bedok North Street 1, #03-27			
Mailing Address			
City Singapore		State	Zip
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)		Family Name or Surname	
Patrick TaiHeng <i>P. Taiheng</i>		Wong	
Inventor's Signature		Date 28 Jul 2003	
Residence: City Singapore	State	Country Singapore	Citizenship Singapore
Mailing Address Blk 788 Woodlands Ave 6, #11-625			
Mailing Address			
City Singapore		State	Zip
Country Singapore			

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MAR 11 2003

95-02

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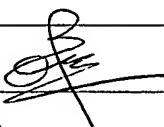
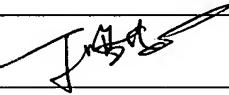
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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 2 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)		Family Name or Surname	
Beng Wee		Quak	
Inventor's Signature 		Date <u>28th July 2003</u>	
Residence: City Singapore	State	Country Singapore	Citizenship Singapore
Mailing Address 130, Lorong L, Telok Kurau			
Mailing Address			
City Singapore		State	Zip
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)		Family Name or Surname	
Ming Zhong		Ding	
Inventor's Signature 		Date <u>28th July 2003</u>	
Residence: City Singapore	State	Country Singapore	Citizenship China
Mailing Address 539, Bukit Batok Street 52, #12-581			
Mailing Address			
City Singapore		State	Zip
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)		Family Name or Surname	
Soon Wah		Leow	
Inventor's Signature 		Date <u>28th July 2003</u>	
Residence: City Singapore	State	Country Singapore	Citizenship Malaysia
Mailing Address Blk 652, Woodland Ring Road, #12-374			
Mailing Address			
City Singapore		State	Zip 730652
Country Singapore			

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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